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Fig.1.

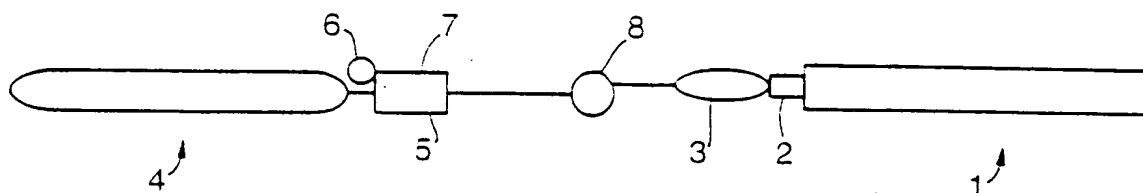
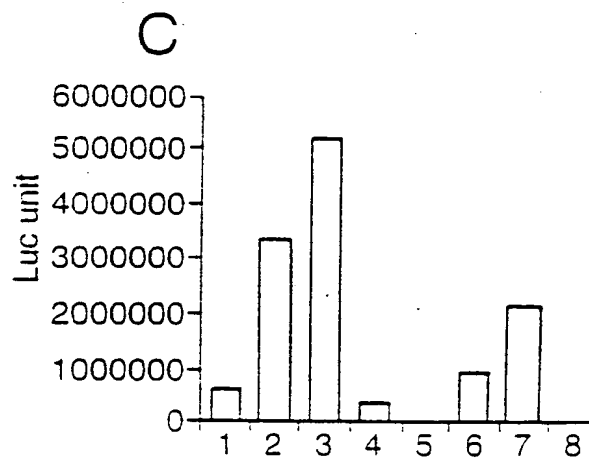
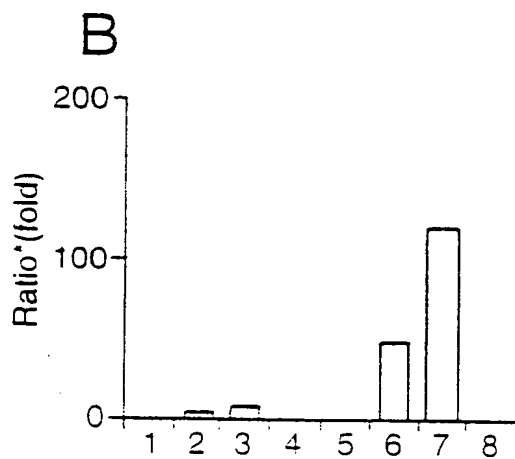
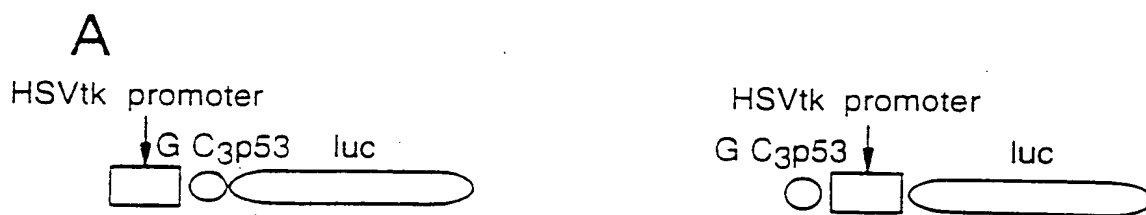
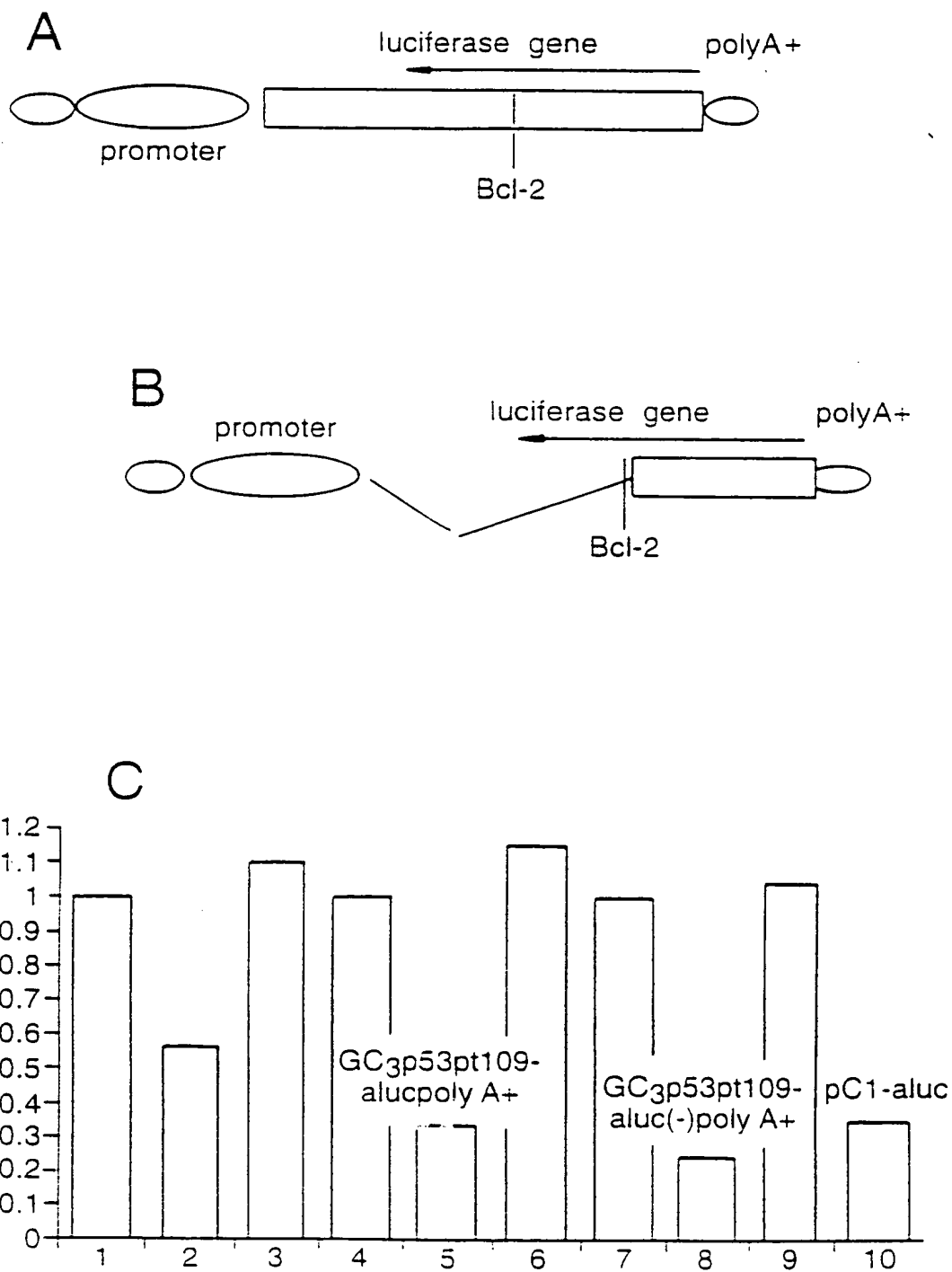


Fig.2.



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Fig.3.



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A

### Cleavae site

Substrate: 5'-GUG UUG UUC CAU UCC -3'  
Ribozyme: 3'-CAC AAC A G GTA AGG -5'

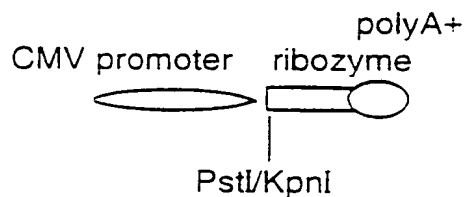
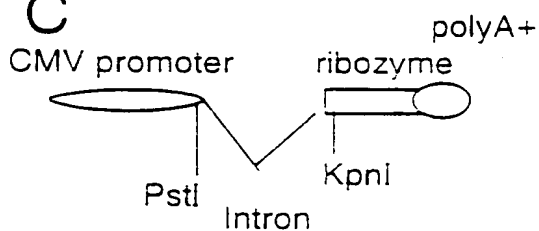
A C  
 | T  
 A A G  
 | A  
 G A  
 C-G  
 T-A  
 G-C  
 A-T  
 A G  
 GU

Fig.4.

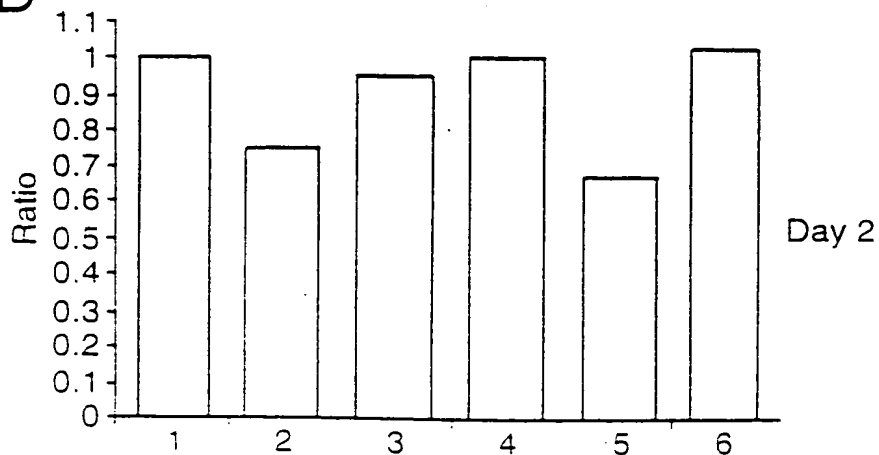
B

LucRa: 5'TC GAGGA ATG GCT GAA GAG ACT GTG AAG TCG AAA CAA CAC-3'  
LucRb 3' CCT TAC CGA CTT CTC TGA CAC TTC AGC TTT GTT GTG-5'  
Xho I site

C

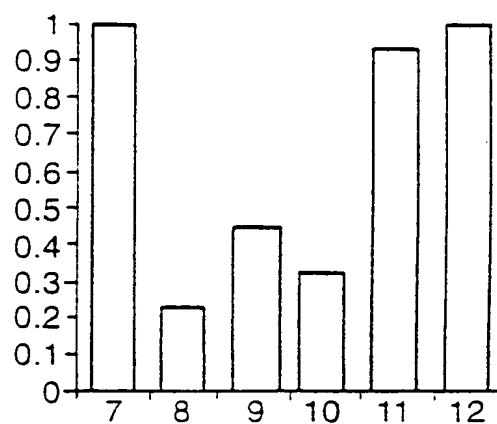
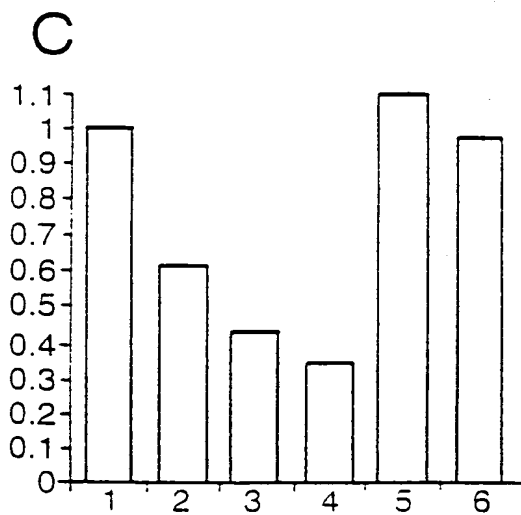
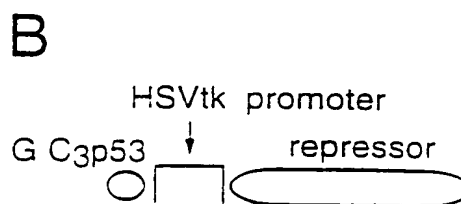
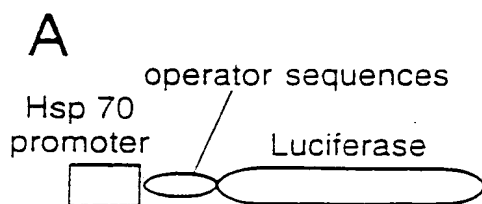


D



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Fig.5.



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Fig.6.

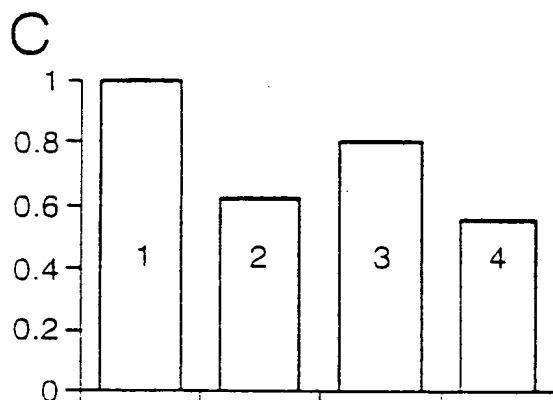
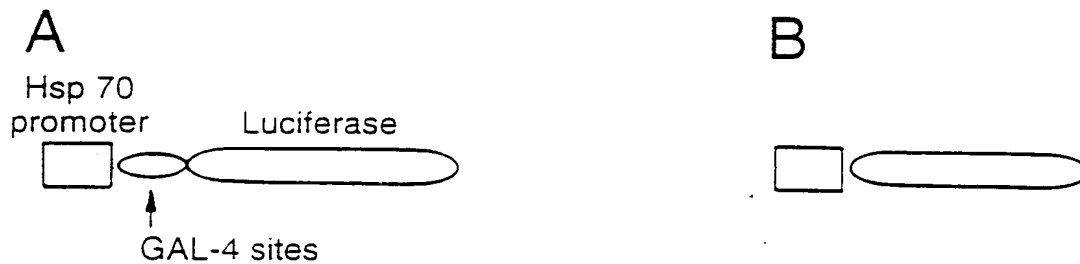
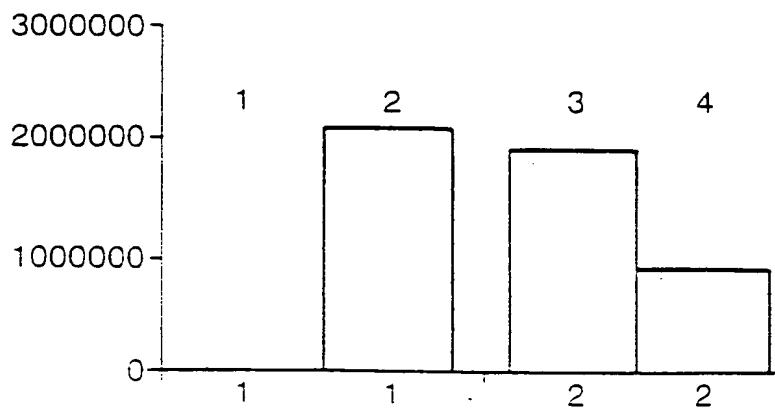


Fig.7.



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Fig.8A.

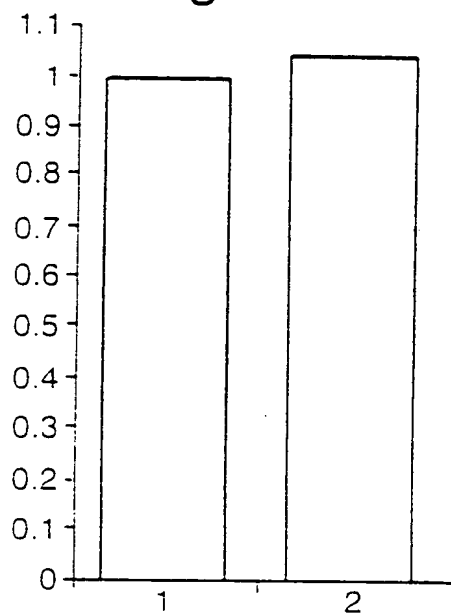
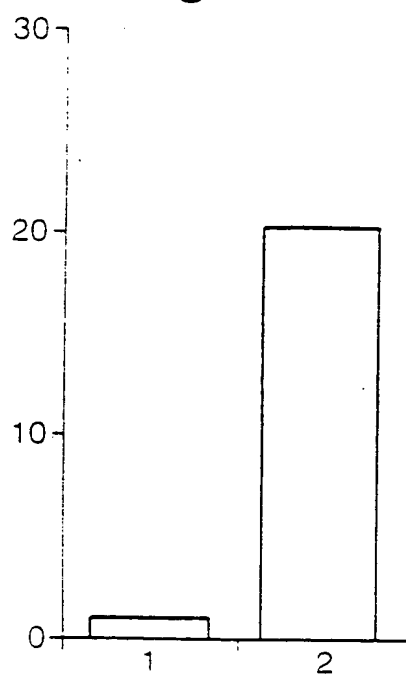
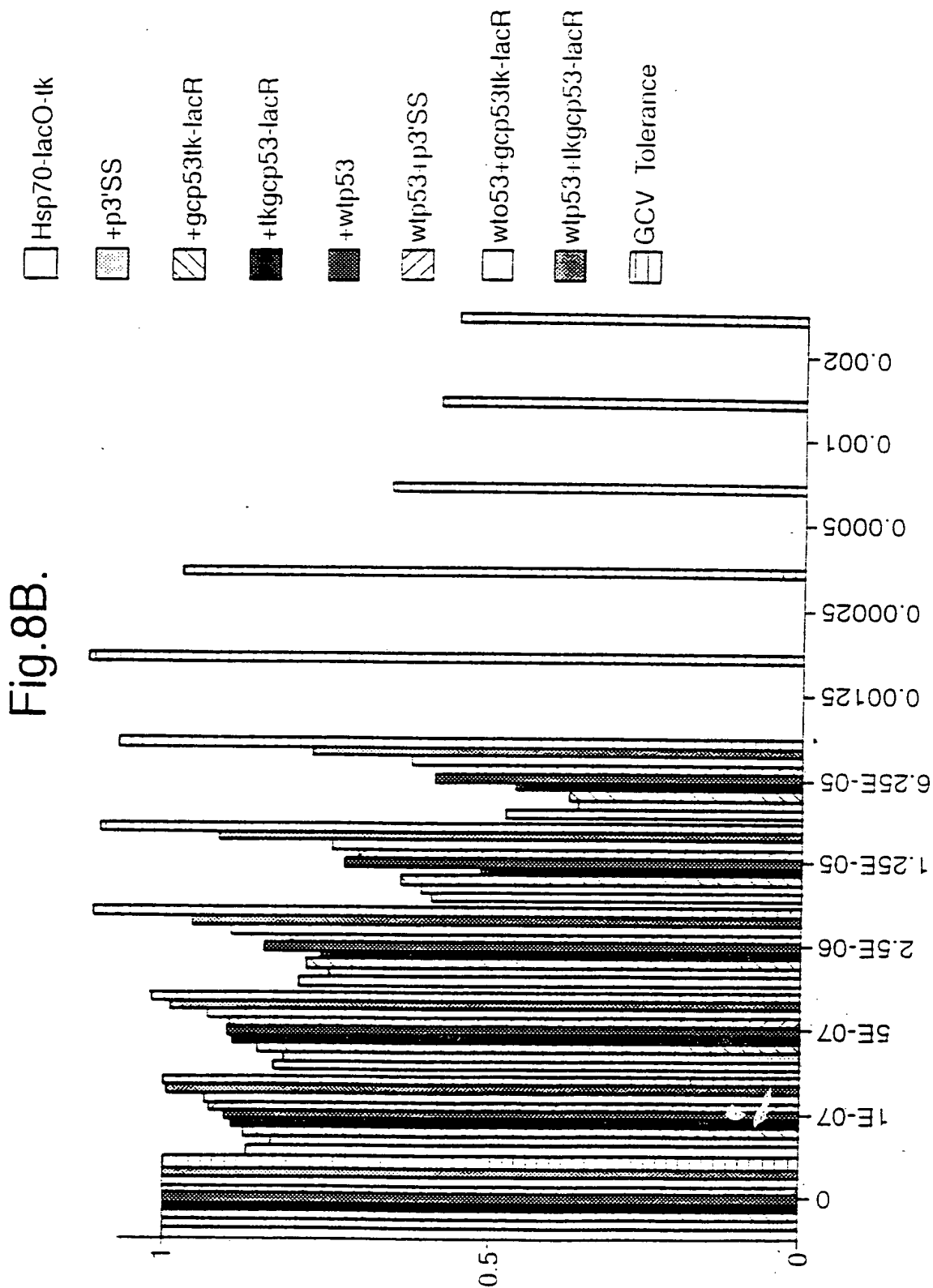


Fig.9A.

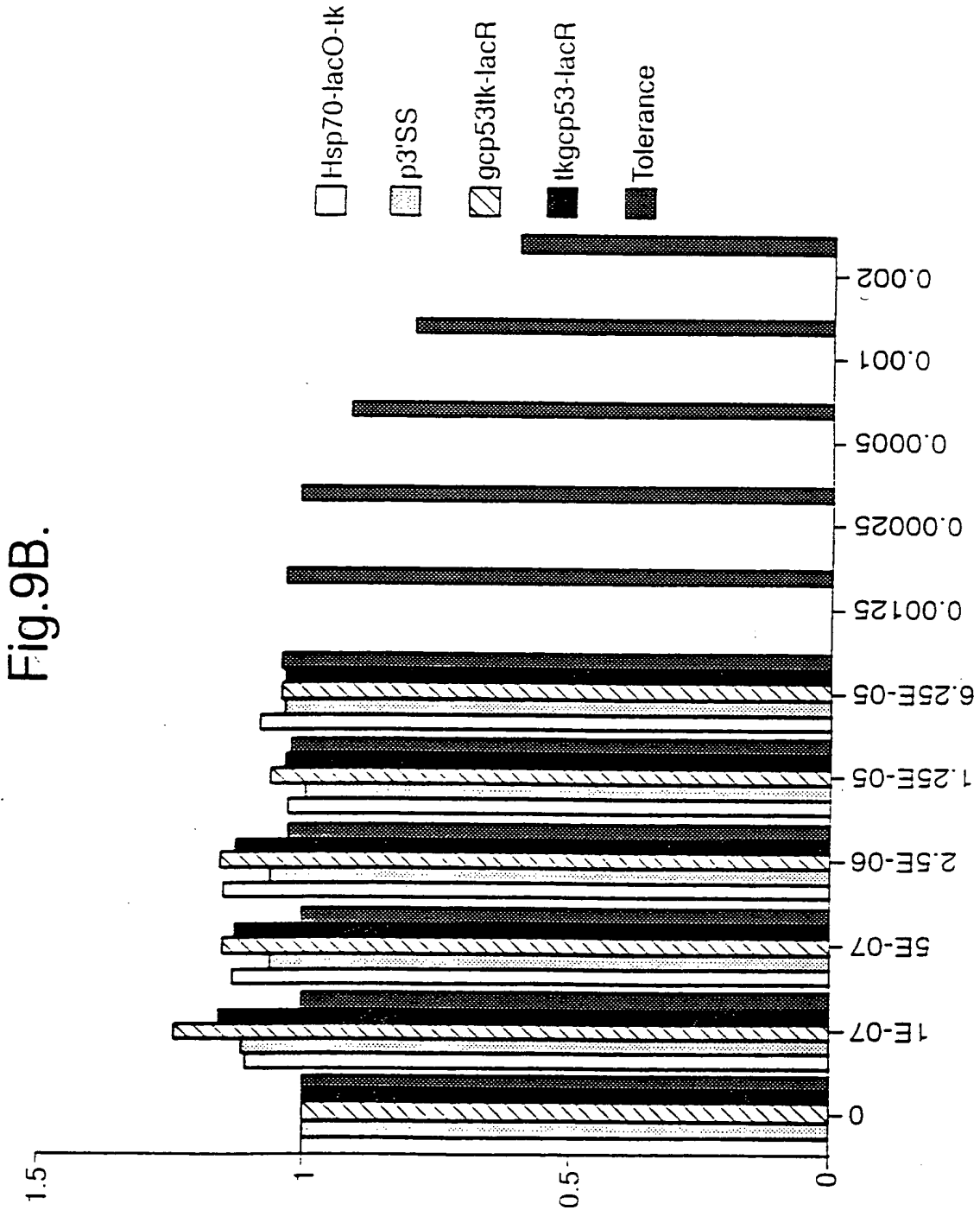


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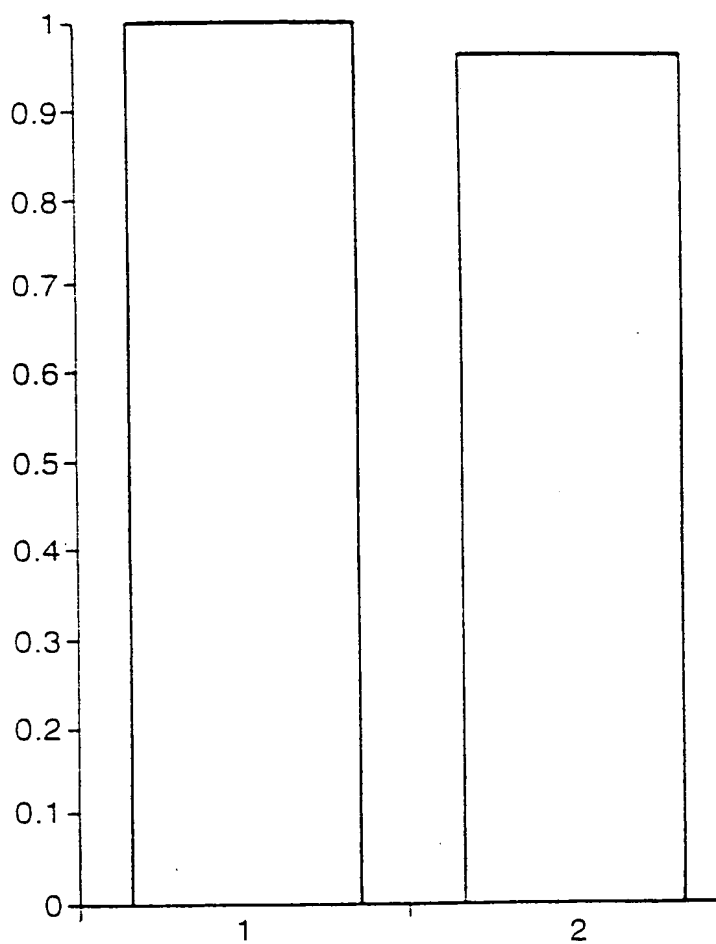


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Fig.10A.



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Fig. 10B.

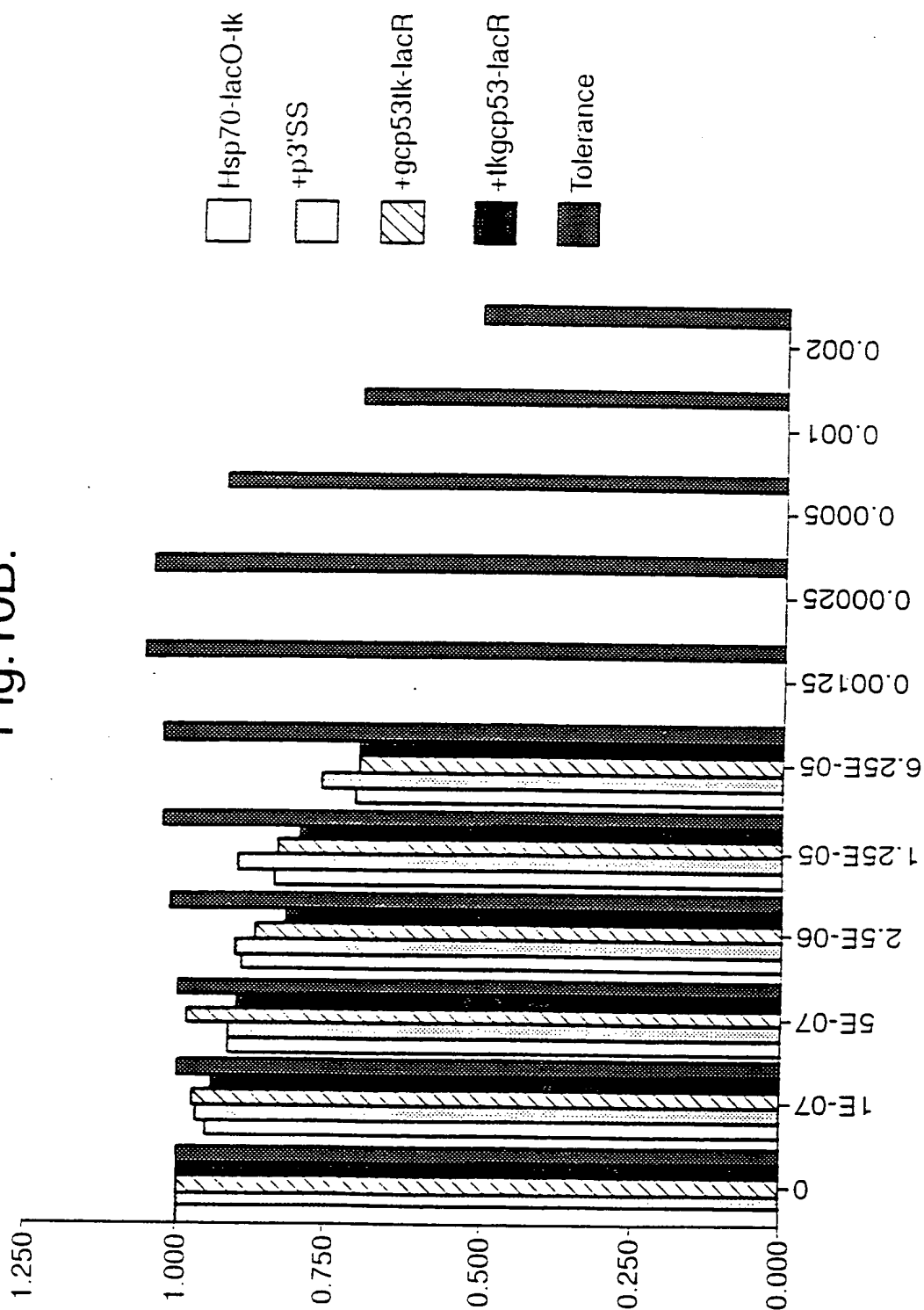
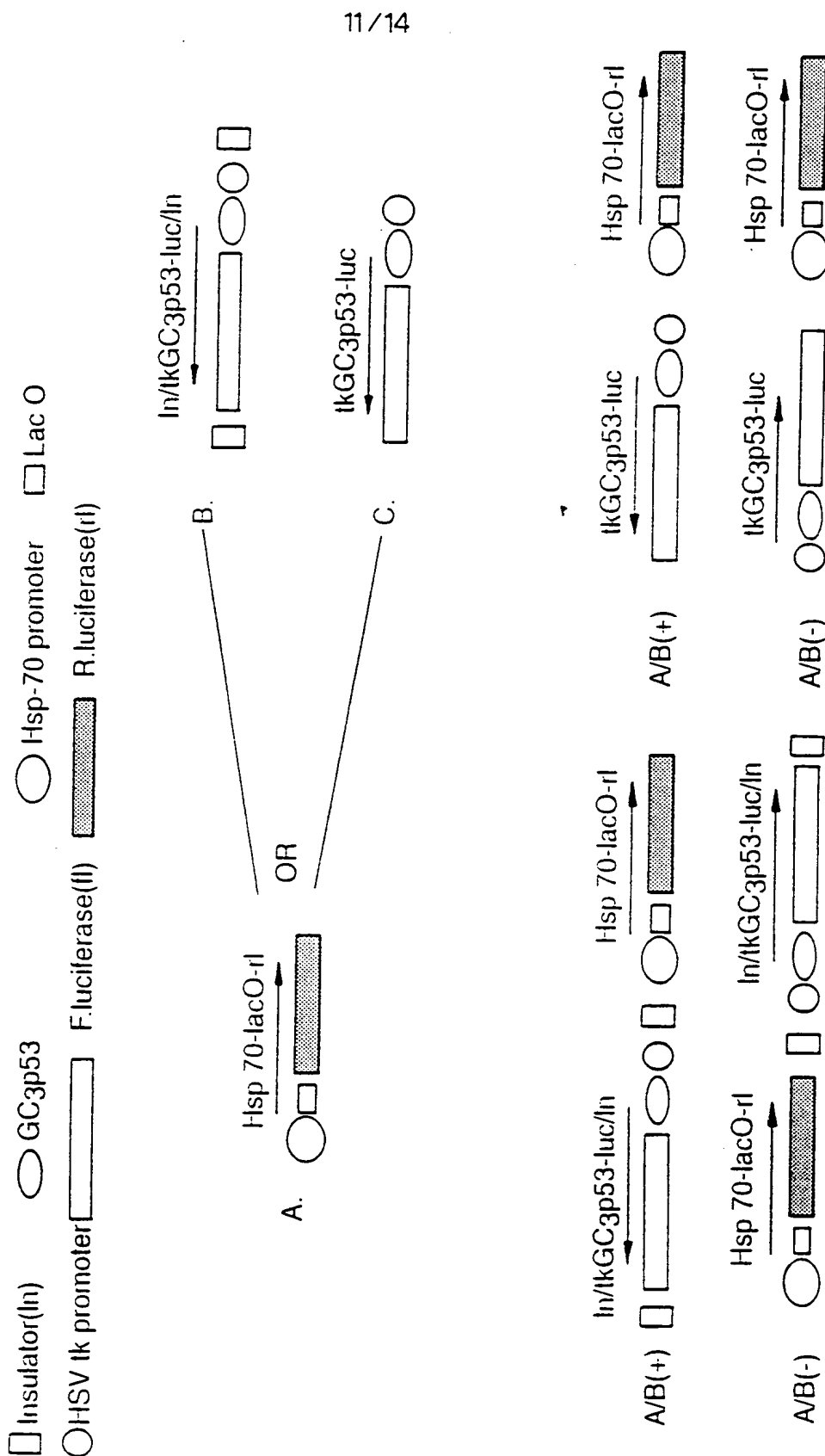


Fig.11.



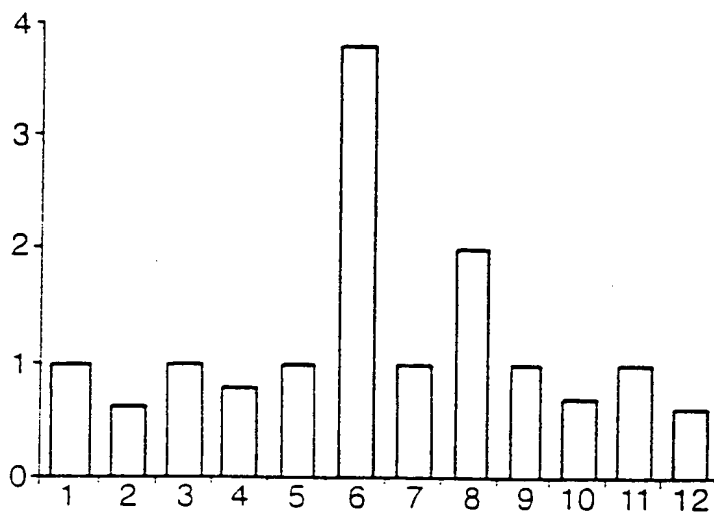
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Fig.12.

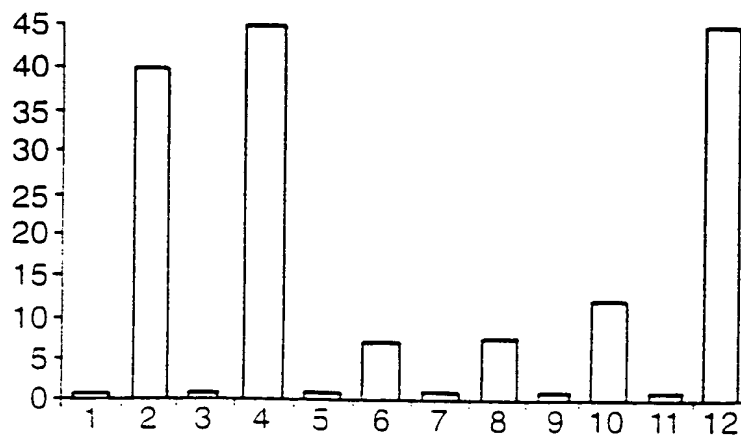
A

	1	2	3	4	5	6	7	8	9
1	/						/		
2	/							/	
3		/					/		
4		/						/	
5			/				/		
6			/					/	
7				/			/		
8				/				/	
9					/	/	/		
10					/	/		/	
11					/		/		/
12					/			/	/

B



C

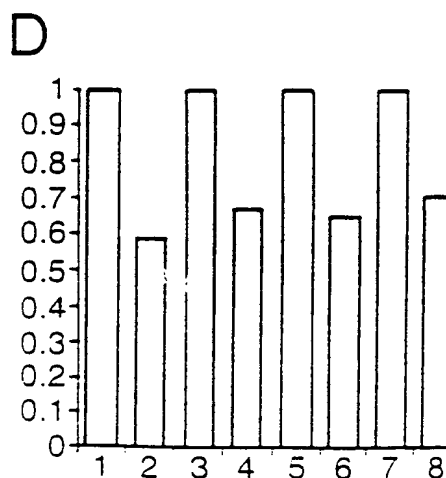
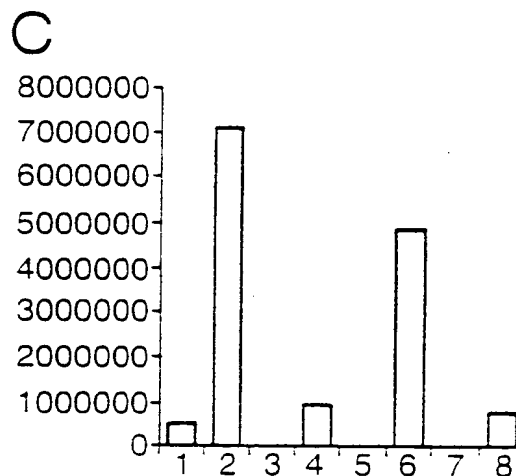
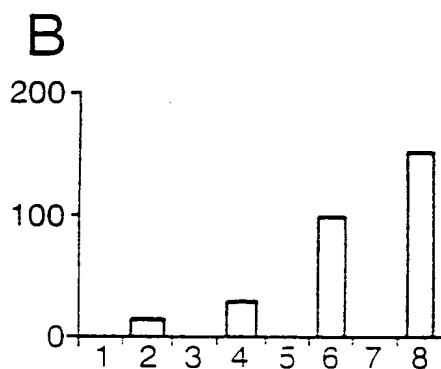


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Fig.13.

**A**

	1	2	3	4	5	6	7
1	/					/	/
2	/				/	/	/
3		/			/	/	/
4		/			/	/	/
5			/		/	/	/
6			/		/	/	/
7				/	/	/	/
8				/	/	/	/



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Fig.14A.

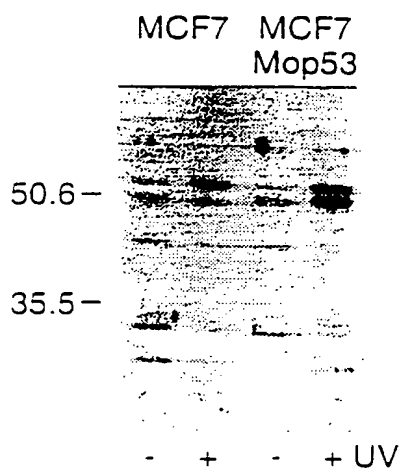


Fig.14B.

